

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office



| | | |
|-------------------|---------|----------------|
| Atty. Dkt. No. | M# | Client Ref. |
| | 0305989 | T4HT-03S0890-1 |

Applicant: Hitoshi KOMATSU

Appln. No.: 10/663,913

Filing Date: September 17, 2003

Examiner: UNKNOWN Group Art Unit: 2876

Date: June 3, 2004

Page 1 of 1

U.S. PATENT DOCUMENTS

| Examiner's Initials: | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | Sub Class | Filing Date (if appropriate) |
|----------------------|-----------------|--------------|--------------------------------------|-------|-----------|------------------------------|
| GH | AR 6,070,804 | 06/2000 | MIYAMOTO | | | |
| | BR 5,418,358 | 05/1995 | BRUHNKE et al. | | | |
| | CR 5,945,920 | 08/1999 | MALETSKY | | | |
| DR | | | | | | |
| ER | | | | | | |
| FR | | | | | | |
| GR | | | | | | |
| HR | | | | | | |
| IR | | | | | | |
| JR | | | | | | |
| KR | | | | | | |
| LR | | | | | | |
| MR | | | | | | |
| NR | | | | | | |

FOREIGN PATENT DOCUMENTS

| Initials: | Document Number | Date MM/YYYY | Country | Inventor Name | English Abstract | | Translation Readily Available | |
|-----------|-----------------|--------------|---------|---------------|------------------|----|-------------------------------|----|
| | | | | | Enclosed | No | Enclose | No |
| GH | OR 3-18218 | 07/1986 | Japan | GARVER et al. | X | | | X |
| | PR | | | | | | | |
| | QR | | | | | | | |
| | RR | | | | | | | |
| | SR | | | | | | | |
| | TR | | | | | | | |
| | UR | | | | | | | |
| | VR | | | | | | | |
| | WR | | | | | | | |
| | XR | | | | | | | |

OTHER (including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR: Search Report, mailed April 23, 2004, from the European Patent Office for Patent Application No. 03020890.4-1248. X X

| | |
|-----|--|
| ZR | |
| AAR | |
| BBR | |
| CCR | |

Examiner Date Considered: 7/28/04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

| FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office | | | | Atty. Dkt No. | M# | Client Ref. |
|---|-----------------|--------------|--------------------------------------|------------------------------------|------------------|-------------------------------|
| | | | | | 0305989 | T4HT-03S0890-1 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Applicant: Hitoshi KOMATSU | | |
| Date: September 17, 2003 Page 1 of 1 | | | | Appln. No.: UNASSIGNED 1015663913 | | |
| | | | | Filing Date: September 17, 2003 | | |
| | | | | Examiner: UNKNOWN DANIEL HESS 2876 | | |
| U.S. PATENT DOCUMENTS | | | | Group Art Unit: UNKNOWN | | |
| Examiner's Initials* | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | Sub Class | Filing Date (if appropriate) |
| AR | | | | | | |
| BR | | | | | | |
| CR | | | | | | |
| DR | | | | | | |
| ER | | | | | | |
| FR | | | | | | |
| GR | | | | | | |
| HR | | | | | | |
| IR | | | | | | |
| JR | | | | | | |
| KR | | | | | | |
| LR | | | | | | |
| MR | | | | | | |
| NR | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | English Abstract | Translation Readily Available |
| | Document Number | Date MM/YYYY | Country | Inventor Name | | |
| OR | 3-18218 | 03/1991 | Japan | | X | X |
| PR | | | | | | |
| QR | | | | | | |
| RR | | | | | | |
| SR | | | | | | |
| TR | | | | | | |
| UR | | | | | | |
| VR | | | | | | |
| WR | | | | | | |
| XR | | | | | | |
| OTHER (Including in this order: Author, Title, Periodical Name, Date; Pertinent Pages, etc.) | | | | | | |
| YR | | | | | | |
| ZR | | | | | | |
| AAR | | | | | | |
| BBR | | | | | | |
| CCR | | | | | | |
| DDR | | | | | | |
| Examiner | | | | Date Considered: | 7/28/04 | |
| *EXAMINER: Initial & citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | |